Burden Hour Statement: This form is estimated to take 0.03 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time required to complete this form should be sent to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA

In re application of:	Chau, Vincent						
Application No.:	10/681,690		Group N	lo.:	1652		
Filed:	October 8, 2003	,	Examine			Christian L.	
For:	HUMAN PROTEINS	RESPON	SIBLE F	OR	NEDD8	ACTIVATION	AND
	CONJUGATION						

Practitioner's Docket No. (MPI97-057P1RCP1CN1M)

PATENT

Certificate of Transmission under 37 CFR 1.8

1-571-273-8300

I hereby certify that this correspondence is being facsimile transmitted to the United States Patent and Trademark Office

on March 29, 2007

Tracy M. Sioussat

Typed or printed name of person signing Certificate

Submitted herewith:

This Certificate of Transmission under 37 CFR 1.8 Amendment and Response after Final Transmittal Amendment and Response after Final Exhibit A

1 page

2 pages

8 pages

5 pages

Total 16 pages

(including this cover sheet)

Approved for use through 10/31/2002. OMB 0651-0031

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MAR 2 9 2007

Practitioner's Docket No. MPI97-057P1RCP1CN1M

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of:	Chau, Vincent			
Application No.:	10/681,690	Group No.:	1652	
Filed:	October 8, 2003	Examiner:	Fronda, Christian L.	
For:	NEDD-8 CONJUGATING ENZYME 1 AND METHODS OF USE			

Mail Stop AF Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

AMENDMENT AND RESPONSE AFTER FINAL TRANSMITTAL

- 1. Transmitted herewith for this application are:
 - a. This Amendment and Response after Final Transmittal (2 pages);
 - b. Amendment and Response after Final (8 pages);
 - c. Exhibit A (Bowie et al. (1990) Science 247:1306-1310 (5 pages); and
 - d. Certificate of Transmission under 37 CFR 1.8 (1 page):

STATUS

2. Applicant is other than a small entity.

PETITION FOR EXTENSION OF TIME

3. The proceedings herein are for a patent application and the provisions of 37 C.F.R. 1.136 apply. Applicant believes that an extension of time is not required. However, if an extension of time is required, please consider this a petition therefor.

Fee:

\$0.0.00

Extension fee due with this request

\$0.0.00

If an additional extension of time is required, please consider this a petition therefor.

FEE FOR CLAIMS

	CERTIFICATION UNDER 37 C.F.R	. SECTIONS 1.8(a) and 1.10*
I hereby	certify that, on the date shown below, this correspondence is	being:
0	MAILIN deposited with the United States Postal Service in an envel Patents, P.O. Box 1450, Alexandria, VA 22313-1450.	ope addressed to the Mail Stop AF, Commissioner for
	37 C.F.R. SECTION 1.8(a) with sufficient postage as first class mail.	as "Express Mail Post Office to Addressee" Mailing Label No.
X	TRANSMISS transmitted by facsimile to the Patent and Trademark Office	SION
Date:	March 29, 2007	Signature Tracy M. Sioussat (type or print name of person certifying)

*WARNING:Each paper or fee filed by "Express Mail" must have the number of the "Express Mail" mailing label placed thereon prior to mailing. 37 C.F.R. section 1.10(b). "Since the filing of correspondence under section 1.10 without the Express Mail mailing label thereon is an oversight that can be avoided by the exercise of reasonable care, requests for waiver of this requirement will not be granted on petition." Notice of Oct. 24, 1996, 60 Fed. Reg. 56,439, at 56,442.

(Page 1 of 2)

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Practitioner's Docket No. MPI97-057P1RCP1CN1M

The fee for claims (37 C.F.R. 1.16(b)-(d)) has been calculated as shown below: 4.

(Col. 1)		(Col. 2)		(Col. 3)	OTHER THAN A SMALL ENTITY				
	Claims Remaining After Amendment		Highest No. Previously Paid For		Present Extra	Rate		Addit. Fee	
Total	13	Minus	27	=	0	\$50.00	=	\$0.00	
Indep.	2	Minus	5	=	0	\$200.00	=	\$0.00	
First Presentation of Multiple Dependent Claims		. 0			\$360.00	=	\$0.00	i.	
Ciams						Total Addit. Fee		\$0.00	
		Tot	tal additional fee	for cl	aims required	\$0.00			

FEE PAYMENT

5. Charge Account No. 501668 the sum of \$0.00 (which includes the extension fee and the \$0.00 additional fee for claims). A duplicate of this transmittal is attached.

FEE DEFICIENCY

- If any additional extension and/or fee is required, charge Account No. 501668. 6. If any additional fee for claims is required, charge Account No. 501668.
- 7. Correspondence Address Direct all future correspondence to:

Customer Number 30405

OR

Intellectual Property Department MILLENNIUM PHARMACEUTICALS, INC. 40 Landsdowne Street Cambridge, MA 02139

March 29, 2007

MILLENNIUM PHARMACEUTICALS, INC.

Tracy M. Sioussat, Ph.D. Registration No. 50,609 40 Landsdowne Street Cambridge, MA 02139 Telephone - 617-374-7679 Facsimile - 617-551-8820

(Page 2 of 2)

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Practitioner's Docket No. MP197-057P1RCP1CN1M

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of:	Chau, Vincent		
Application No.:	10/681690	Group No.:	1652
Filed:	October 8, 2003	Examiner:	Fronda, Christian L.
For:	NEDD-8 ACTIVATING ENZYMI	Ε	

Mail Stop AF
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

AMENDMENT AND RESPONSE AFTER FINAL

Sir:

In response to the Final Office action mailed January 29, 2007, please amend the above-identified application as follows:

Amendments to the Claims are reflected in the listing of claims which begins on page 2 of this paper.

Remarks/Arguments begin on page 5 of this paper.

Exhibit A (Bowie et al. (1990) Science 247:1306-1310) follows the Remarks.

	CERTIFICATION UNDER	37 C.F.R. SECTIONS 1.8(a) and 1.10*				
I hereby	certify that, on the date shown below, this correspo	ndence is being:				
	r	MAILING				
	deposited with the United States Postal Service in an envelope addressed to the Mail Stop AF, Commissioner for					
	Patents, P.O. Box 1450, Alexandria, VA 22313-1	450.				
	37 C.F.R. SECTION 1.8(a)	37 C.F.R. SECTION 1.10*				
	with sufficient postage as first class mail.	as "Express Mail Post Office to Addressee" Mailing Label No.				
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☒	transmitted by facsimile to the Patent and Tradem	ark Office (571-273-8300)				
		Signature				
		Tracy M. Sioussat				
Date: _	29 March 2007	(type or print name of person certifying)				

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(Page 1 of 8)